

Work Order ID 80369***80369***

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February-17-12 12:57:52 PM

Item ID: D3672-1 Accept ***N900040100*** Setup Start ***NS1***
Revision ID: Stop ***NS2***
Item Name: Phenolic Washer
Start Date: 17/02/2012 Start Qty: 500.00 ***500*** Cust Item ID:
Required Date: 02/03/2012 Req'd Qty: 500.00 ***500*** Customer:
Reference:

Approvals: Process Plan: M.L.J Date: 12/02/12 Tooling: _____ Date: _____ Run Start ***NR1***
QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
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Draw Nbr	Revision Nbr
D3672	Rev C

100 PURCHASING 0.00
100
Purchasing Memo 0.00
Purchasing Issue P/O: 44225
Purchase Part Number: MM .437 OD X .210 ID X .031 +/- .002
Supplier: HASKINS INDUSTRIAL
Certificate of conformity is required

12-02-21
(500)

110 Receive & Inspect for Damage & Mat'l Certs 0.00
110
Packaging Memo 0.00
Packaging Ensure certificate of conformity is attached

12/2/23 (500)

120 QC6- Inspect dimensions to drawing 0.00
120
QC Memo 0.00
Quality Control

12-02-23 (500)

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

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Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____ Run Start ***NR1***
QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130	Identify as per dwg & Stock Location: <u>060</u>	0.00							
130									
Packaging	Memo	0.00							
Packaging									
140	QC21- Final Inspection - Work Order Release	0.00							
140									
QC	Memo	0.00							
Quality Control									

Handwritten notes:
12/2/27 (500)
12/2/27 J
12-22-27 (500)

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

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February-17-12 12:57:55 PM

Work Order ID: 80369

80369

Parent Item: D3672-1

D3672-1

Parent Item Name: Phenolic Washer

Start Date: 17/02/2012

Required Date: 02/03/2012

Start Qty: 500.00

Required Qty: 500.00

Comments: IPP Rev:A New Issue 07-09-09 JLM Verified By:EC
IPP Rev:B ECN 1056 07-11-13 DD

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D3672-1P		Purchased	No			110	Each	0.0000	1	500			
D3672-1P									**				
WASHER													

16/4/12 3000

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

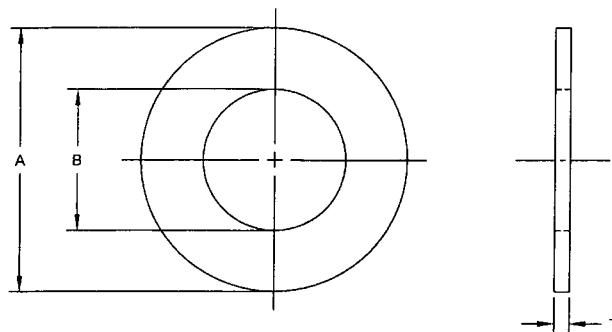
Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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SPECIFICATION CONTROL DRAWING



D3672-X PHENOLIC WASHER

Dart P/N	A (IN)	B (IN)	T (IN)	SUPPLIER P/N	REPLACES
D3672-1	0.437	0.210	0.031	MM .437OD x .210ID x .031 +/- .002 PHENOLIC FLAT WASHER	NAS1515H3L
D3672-3	0.500	0.267	0.031	MM .500OD x .267ID x .031 +/- .002 PHENOLIC FLAT WASHER	NAS1515H4L
D3672-5	0.562	0.326	0.062	MM .562OD x .326ID x .062 +/- .002 PHENOLIC FLAT WASHER	NAS1515H5
D3672-7	0.562	0.328	0.031	MM .562OD x .328ID x .031 +/- .002 PHENOLIC FLAT WASHER	NAS1515H5L
D3672-9	0.625	0.390	0.031	MM .625OD x .390ID x .031 +/- .002 PHENOLIC FLAT WASHER	NAS1515H6L
D3672-11	0.750	0.453	0.031	MM .750OD x .453ID x .031 +/- .002 PHENOLIC FLAT WASHER	NAS1515H7L
D3672-13	0.875	0.515	0.031	MM .875OD x .515ID x .031 +/- .002 PHENOLIC FLAT WASHER	NAS1515H8L



NOTES:

- 1) MATERIAL: PHENOLIC. PURCHASE HASKINS INDUSTRIAL INC. P/N PER TABLE (IN QUANTITIES OF 1000)
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: NONE
- 7) WEIGHT: N/A

SHOW COPY
REF. COPY
ENC. COPY
UNCONT. COPY
SUBJECT TO CHANGE
WITH A CHANGE
WORK ORDER
NO. 80369 M.C.S.

12/02/17

RELEASED
2009-12-17

C	REDRAW, ADD -13 (ZN A8-1), PAR 09-038	CP	09.11.04
B	ADD -5/-7/-9/-11	DC	07.10.09
A	NEW ISSUE	DC	07.08.28
REV.	DESCRIPTION	BY	DATE
DESIGN	DC	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	JP		
CHECKED	JP	DRAWING NO.	REV. C
MFG. APPR.	JP	D3672	SHEET 1 OF 1
APPROVED	JP	TITLE	SCALE
DE APPR.	JP	PHENOLIC WASHER	NTS
DATE	09.11.04	COPYRIGHT © 2007 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD	

W/O:		WORK ORDER CHANGES					
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			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO16229

Purchase Order Date 2/21/2012

PO Print Date 2/21/2012

Page Number 1 of 1

om : VC-HAS001

INS INDUSTRIAL
ANTARES DRIVE
AN, ON K2E 7Z1

Name		Buyer	Brigitte Golden
Phone	613 723 8800	Requisition Nbr	
Fax	613 723 8806	Tax Resale Nbr	10127-2607
Account Nbr		Terms	Net 30
		Currency	CAD
		FOB	Destination-Collect

DART AEROSPACE LTD 1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Reference Revision ID Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable	Req Qty/ Unit of Measure	Ship Method	Unit Price	Extended Price
6672-3P	WASHER	2/29/2012 Yes	500.00 Each	FedEx Overnigh	\$0.3229	\$161.45
	Special Inst:	p/n: MM.500 OD X .267 ID X .031 +/- .022 as per Dwg: D3672 Rev: C B80370				
6672-1P	WASHER	2/29/2012 Yes	500.00 Each	FedEx Overnigh	\$0.3229	\$161.45
	Special Inst:	MM .437 OD X .210 ID X .031 +/- .002 As per DWG: D3672 Rev: C B80369				
PO Total:						\$322.90

No substitution or deviation without
consent.
Certificate of Conformity or Material
Certification required when applicable

br: 1

Change Date: 2/21/2012

M.M. SALES ADMINISTRATRIX LTD.

PACKING SLIP

7650 KIMBEL STREET
UNIT #35
MISSISSAUGA, ONTARIO
L5S 1L2

ISO 9001:2008
Registered

Date	Invoice #
21/02/2012	2303

Invoice To
HASKINS INDUSTRIAL INC 5- 52 ANTARES DRIVE NEPEAN, ONTARIO K2E 7Z1

Ship To
DART AEROSPACE LTD. 1270 ABERDEEN STREET HAWKESBURY, ONTARIO K6A 1K7 TAG P.O. # 16229

P.O. No.
201339

Ship Date	Ship Via	FOB
21/02/2012	PUROLAT...	MISSISSAUGA

Description	Qty
PHENOLIC FIBER FLAT WASHER .500 X .267 X .031 +/- .002 .437 X .210 X .031 +/- .002 GST & HST on sales	500 500

GST/HST No.

889055281